DECLARATION

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: METHODS AND APPARATUS FOR CLUSTERING AND PREFETCHING DATA OBJECTS

the specification of which is attach	ed hereto or indicates an	attorney docket no. YOR920010243US1,	or:
□ was filed in the U.S. Patent & T	rademark Office on	and assigned Serial No.	,
\square and (if applicable) was amended	d on	·	,
as amended by any amendment ref and to the examination of this app priority benefits under Title 35, U. or §365(a) of any PCT internationa	erred to above. I acknow lication in accordance wi S. Code §119(a)-(d) or § I application which design on(s), listed below and har	the contents of the above-identified specifical ledge the duty to disclose information which the Title 37, Code of Federal Regulations §1.365(b) of any foreign application(s) for paternated at least one country other than the United we also identified below any foreign application which priority is claimed:	is material to patentability 56. I hereby claim foreign nt or inventor's certificate, ed States, or §119(e) of any
	11		Priority Claimed:
(Application Number)	(Country)	(Day/Month/Year filed)	Yes[] No[]
			Yes[] No[]
(Application Number)	(Country)	(Day/Month/Year filed)	
International application designation application is not disclosed in the paragraph of Title 35, U.S. Code §	ng the United States, liste prior United States or 1 112, I acknowledge the c 1.56 which became avail	de §120, of any United States application(sed below and, insofar as the subject matter of PCT International applications(s) in the maluty to disclose information material to pater able between the filing date of the prior applications.	f each of the claims of this nner provided by the first ntability as defined in Title
amender and a second s			
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandon	ned)
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandon	ned)

Ihereby appoint the following attorneys: MANNY W. SCHECTER, Reg. No. 31,722; LAUREN C. BRUZZONE, Reg. No. 35,082; CHRISTOPHER A. HUGHES, Reg. No. 26,914; JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, JR., Reg. No. 18,753; STANLEY B. GREEN, Reg. No. 24,351; STEPHEN C. KAUFMAN, Reg. No. 29,551; ROBERT M. TREPP, Reg. No. 25,933; LOUIS P. HERZBERG, Reg. No. 41,500; DANIEL P. MORRIS, Reg. No. 32,053; PAUL J. OTTERSTEDT, Reg. No. 37,411; LOUIS J. PERCELLO, Reg. No. 33,206; DOUGLAS W. CAMERON, Reg. No. 31,596; MARIAN UNDERWEISER, Reg. No. 46,134; RICHARD M. LUDWIN, Reg. No. 33,010; MARC A. EHRLICH, Reg. No. 39,966; ROBERT P. TASSINARI, JR., Reg. No. 36,030; DEREK S. JENNINGS, Reg. No. 41,473; GAIL H. ZARICK, Reg. No. 43,303; and TIMOTHY M. FARRELL, Reg. No. 37,321; each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

> William E. Lewis RYAN, MASON & LEWIS, LLP 90 Forest Avenue Locust Valley, NY 11560

Tel.: (516) 759-2946

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE INVENTOR:	Arun Kwangil Iyengar	Citizenship <u>U.S.A.</u>
Inventor's signature:	Ananal Byenny	Date: 7/18/200/
Residence & Post Office address:	1160 Park Lane	•
	Yorktown Heights, New York 10598	